

# FREE TRAINING

United States  
Environmental Protection  
Agency



## Region 8

### Emergency Response and Preparedness Program

The EPA offers this training to federal, state, local, and tribal employees free of charge. If you are interested in one of these courses, we can bring the class to your local jurisdiction. We ask for a minimum class size of 20 students and assistance finding a training facility; we take care of the rest. For more information or to see the full list of course offerings, please contact our training coordinator, Mark Wullstein.

For more information visit our web site at:  
[www2.epa.gov/region8/free-training-available](http://www2.epa.gov/region8/free-training-available)

Or contact

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US EPA  
Region 8



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### Emergency Response and Preparedness Program

## Region 8 Preparedness Program

The Region 8 Preparedness Unit assists communities and facilities with emergency preparedness and accident prevention. Our emergency preparedness activities focus on strengthening the ability of EPA, local, state and other response organizations to respond effectively to future chemical accidents.

As part of EPA's comprehensive program for protecting the public and the environment from hazardous materials spills, we offer a variety of training opportunities. The courses we offer are designed for personnel who respond to emergencies or who investigate and/or cleanup abandoned hazardous waste sites. We can host training in your local jurisdiction and attendance is free! This brochure highlights some of our most popular courses. See our web site for a more complete listing of course options.

## Computer Mapping Applications

CAMEO is a system of software applications used widely to plan for and respond to chemical emergencies. It is one of the tools developed by the EPA's Office of Emergency Management (OEM) and the National Oceanic and Atmospheric Administration Office of Response and Restoration (NOAA) and is available free.

**CAMEO:** Chemicals  
Chemical Response  
Datasheets and Reactivity  
Prediction Tool

**MARPLOT:** Mapping Applications for  
Response Planning

**ALOHA:** Air Plume Modeling

**ER Assist:** EPA Mapping Application for  
Response Planning

## 40-Hour HAZWOPER Training

OSHA required training for anyone working on a site where hazardous materials may be present. This course covers all the classroom and hands-on training required in 29CFR1910.120.

## 8-Hour HAZWOPER Refresher Training

Required annual training under OSHA regulations 29CFR1910.120 to retain Hazwoper Certification.

## Air Monitoring for Emergency Response

This two-day course instructs participants in the practices and procedures for monitoring airborne hazardous materials. It is designed for personnel who evaluate airborne releases of hazardous materials. Evaluation of worker exposure to these releases is emphasized.

## Air Monitoring for Hazardous Materials

This five day course instructs participants in the practices and procedures for monitoring and sampling airborne hazardous material. It is designed for personnel who evaluate releases of airborne hazardous materials. Evaluation of worker exposure to these releases is emphasized.

## Overview of Environmental Geophysics

This one-day course provides individuals who have little or no geophysical exploration experience with practical information of the strengths and limitations of the three most used geophysical techniques on hazardous waste sites. It is intended to introduce the student to the magnetic, electromagnetic and ground-penetrating radar methods for site characterization and waste location. It is intended for personnel responsible for inspections, site characterization and site investigations.

## Radiation Safety Overview

This one-day introductory level course is designed to provide participants with an overview and basic understanding of the fundamental principles of radiation safety, provide guidance on EPA radiation exposure limits for site work involving radioactive materials, and provide information on radiological area posting requirements. This course is intended for environmental professionals who are not health physicists or other radiation safety specialists, but require a basic knowledge.

## Oil Spill Response Training

This two to five day course instructs participants in the practices and procedures for containing and recovering oil on waterways. It is designed for personnel who are involved in inland oil spill prevention and cleanup.

## Basic Chemical Hazard Classification Course (8 hrs)

How to use very basic wet chemistry methods to determine the DOT class or nature of a chemical, biological, or radiological substance that may be present.

## Sampling for Hazardous Materials

This 2.5 day introductory course provides classroom and field instruction for the environmental sampling of soil, groundwater, surface water, sediment, and waste. It is intended for individuals with no sampling experience, personnel performing program inspection or oversight, and as a refresher for those returning to field activities.

## Introduction to Groundwater Investigations

This 3 day introductory course is designed to provide participants with information concerning hydrogeological processes and the necessary elements of a sound groundwater site investigation. It is intended for personnel who are involved in groundwater investigations, but have limited prior hydrogeological experience.

## Chemistry for Environmental Professionals— Fundamentals and Applied

The two-day Fundamental course provides participants with a review of fundamental chemical concepts which underlie an understanding of applied environmental chemistry concepts and practices. The 1.5 day Applied course provides participants with an introduction to applied chemistry principles and practices which underlie the release, fate, and transport, sampling, analysis, and cleanup of chemicals contaminating environmental media, with particular emphasis on soil and groundwater.

## Hazardous Materials Technician

This 3 day, 24 hour course emphasizes how to properly respond to releases or potential releases of hazardous materials for the purpose of mitigating the release in accordance to OSHA requirements.

## H2S Safety Overview

EPA presenters provide technical information on the chemical characteristics, health effects, hazards and general response procedures for H<sub>2</sub>S exposures.